

Converting Colors

RGB(185, 228, 189)

Have a look what the booklet for
RGB(185, 228, 189) contains.

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Color

RGB(185, 228, 189)

Conversions

Conversions Part 1

Format	Color
Hex	B9E4BD
RGB	185, 228, 189
RGB Percent	73%, 89%, 74%
CMY	0.2745, 0.1059, 0.2588
CMYK	0.19, 0.00, 0.17, 0.11
HSL	126°, 44%, 81%
HSV	126°, 19%, 89%
XYZ	56.9363, 69.4752, 58.5533
YIQ	210.6970, -13.1090, -21.2450

Conversions

Conversions Part 2

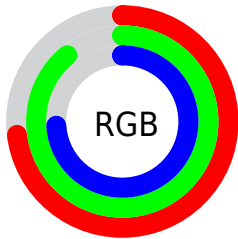
Format	Color
R _{YB}	185, 224, 228
Decimal	12182717
CIE Lab	86.74, -21.35, 14.50
CIE LCh	87, 25.806, 145.825
Yxy	69.4752, 0.3078, 0.3756
Android (android.graphics.Color)	4290372797 (0xFFB9E4BD)
YUV	210.6970, -10.6966, -22.5363
Hunter-Lab	83.3518, -23.9351, 16.6960

Details

The RGB color **185, 228, 189** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **228, 185, 224**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **242, 255, 245**, and **131, 172, 136** is the 20% darker color. If you saturate the color by 10%, you get **162, 228, 168**, and if you desaturate by 10%, it is **208, 228, 210**.

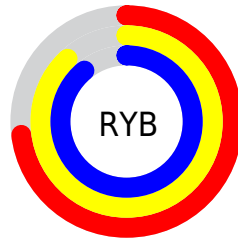
Distribution



Red (73%)

Green (89%)

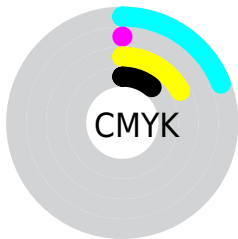
Blue (74%)



Red (73%)

Yellow (88%)

Blue (89%)

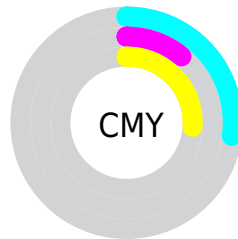


Cyan (19%)

Magenta (0%)

Yellow (17%)

Black (11%)



Cyan (27%)

Magenta (11%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 185, 228, 189 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 185, 228, 189 by changing the saturation by 10% instead.


 185, 228, 189

255, 255, 255


 242, 255, 245

 185, 228, 189


 158, 200, 162

 131, 172, 136

 106, 146, 110

 81, 120, 86

 57, 95, 62

 33, 71, 40

 9, 48, 20

 0, 29, 0

 0, 0, 0

 185, 228, 189

 185, 228, 189

 162, 228, 168


 208, 228, 210

 139, 228, 148


 231, 228, 230

 117, 228, 127

 253, 228, 251

 94, 228, 106

 255, 228, 255

 71, 228, 86

 48, 228, 65

 25, 228, 44

 3, 228, 24

 0, 228, 21

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213, 222, 173



185, 228, 189



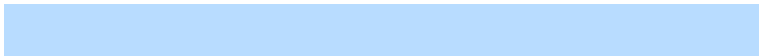
161, 231, 213

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



185, 228, 189



184, 220, 255



255, 201, 197

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



185, 228, 189



228, 185, 224

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 200, 222



185, 228, 189



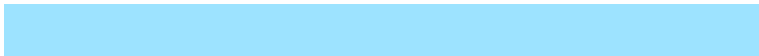
217, 212, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



185, 228, 189



157, 227, 255



246, 204, 245



255, 206, 178

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



185, 228, 189



151, 231, 230



246, 204, 245



255, 200, 205

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



185, 228, 189



240, 255, 241



224, 228, 185



119, 128, 119



0, 0, 0



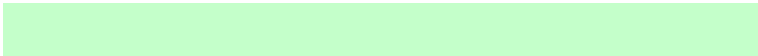
128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



185, 228, 189



196, 255, 202



185, 228, 210



103, 115, 104



0, 179, 17



0, 51, 5

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



228, 185, 224



255, 196, 250



228, 185, 203



115, 103, 114



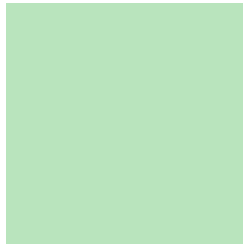
179, 0, 162



51, 0, 46

Previews

White Background



This preview shows how the RGB color 185, 228, 189 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 185, 228, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

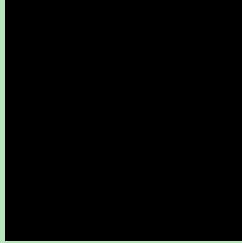
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

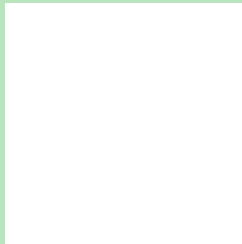
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 185, 228, 189 Background



This preview shows how black text looks on a background with the RGB color 185, 228, 189.

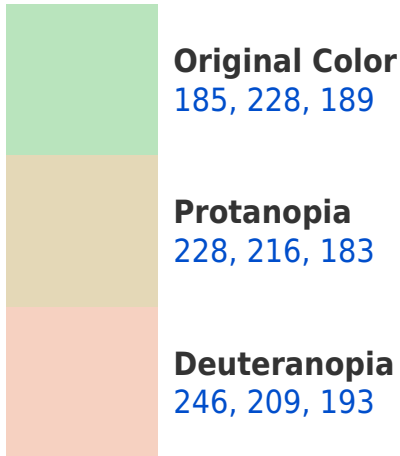


This preview shows how white text looks on a background with the RGB color 185, 228, 189.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

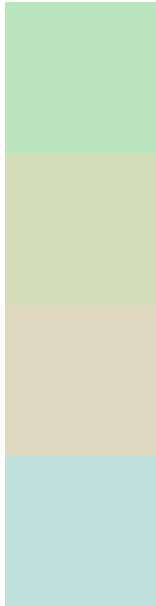
Dichromacy





Tritanopia
194, 221, 239

Trichromacy



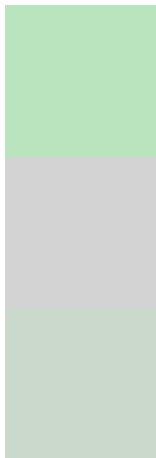
Original Color
185, 228, 189

Protanomaly
212, 220, 185

Deuteranomaly
224, 216, 192

Tritanomaly
191, 224, 221

Monochromacy



Original Color
185, 228, 189

Achromatopsia
211, 211, 211

Achromatomaly
202, 217, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 185, 228, 189 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(185, 228, 189)` looks like.

```
.text, #text, p{  
    color:rgb(185, 228, 189)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(185, 228, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 228, 189) }
```

Border

The CSS property to change the border of an element to RGB 185, 228, 189 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 228, 189) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(185, 228, 189) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(185, 228, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 228, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 228, 189); box-shadow:4px 4px 4px 4px rgb(185, 228, 189) }
```

Background

The CSS property to change the background color of an element to RGB 185, 228, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 228, 189) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(185,  
228, 189) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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